



(SUBMIT IN TRIPLICATE)
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office Santa Fe
Lease No. 079177
Unit Canyon Largo

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	☒
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 2, 1960

Well No. 24 is located 310 ft. from N line and 1030 ft. from E line of sec. 24
N.E. 1/4 Sec. 24 25 N 6 W N.M.P.M.
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
So. Blanco Pictured Cliffs Rio Arriba New Mexico
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 490 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate points for jobs, cementing points, and all other important proposed work)

On 5-21-60 Total Depth 2622.
 Ran 95 lbs. 2 7/8", J-55, 6.4 # casing (2610) set at 2620
 with 41 sks. reg. cement, 41 sks. Dismix, & 2 # Gel, 1 cu.ft.
 Strata-Crete "6"/sk.
 Held 1000 # 30 min.

5-24-60 Total Depth 2620. C.O.T.D. 2606.
 Water fractured Pictured Cliffs perforated intervals 2 S.W./ft.
 @ 2495-2506; 2510-20; with 19,740 gallons water with 1 # Calcium
 Chloride 2, 7 # WG-3/1000 gals. and 10,000 # sand. Breakdown pressure
 1800 #, max. tr. 2400 #, avg. tr. pr. 2200 #. Injection rate 16.5 bbls/min.
 Flush 1200 gallons. Dropped one set of 7, one set of 5, and one set of 2
 for 4 stages.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company El Paso Natural Gas Company

Address Box 990
Farmington, New Mexico

By ORIGINAL SIGNED B.H. MEANS
 Title Petroleum Engineer

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE June 16, 1960

Operator El Paso Natural Gas Company	Lease Canyon Largo No. 94
Location 810N, 1030E; 24-25N-6W	County Rio Arriba State New Mexico
Formation Pictured Cliffs	Pool South Blanco P.C.
Casing Diameter 2-1/2 Feet 2620	Tubing Diameter No Tubing Set At Feet -
Pay Zones From 2496 To 2520	Total Depth 2620 c/o 2606 Shut In 6/2/60
Stimulation Method Sand Water Frac.	Flow Through Casing X Flow Through Tubing -

Choke Size, Inches .75	Choke Constant, C 12.365
Shut-in Pressure, PSIG 784	PSIG 12 PSIA 796 14
Flowing Pressure, PSIG 115	PSIG 12 PSIA 127
Temperature 60	Gravity 1.000 .85
	Specific Gravity 1.011 .650 Fg .9608

CHOKE VOLUME $Q = C \times P_1 \times F_g \times F_g \times F_g$

$$Q = 12.365 \times 127 \times 1.000 \times .9608 \times 1.011$$

1525

MCF/D

$$\text{OPEN FLOW } A_{of} = Q \left(\frac{P_1^2 - P_2^2}{P_1^2 - P_w^2} \right)^n$$

$$A_{of} = \left(\frac{633616}{609591} \right)^n$$

$$1.0394^{.85} \times 1525 = 1.0334 \times 1525$$

A_{of}

1576

MCF/D

TESTED BY **F. M. Clark**

WITNESSED BY

Checked By **W. D. Dawson**



L. D. Galloway
L. D. Galloway *by H.K.K.*